

# Mouse Olig3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21091a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q6PFG8</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51102
<b>Calculated MW</b>	29507

## Additional Information

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<b>Gene ID</b>	94222
<b>Other Names</b>	Oligodendrocyte transcription factor 3, Oligo3, Class B basic helix-loop-helix protein 7, bHLHb7, Oligodendrocyte-specific bHLH transcription factor 3, Olig3, Bhlhb7
<b>Target/Specificity</b>	This Mouse Olig3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 70-103 amino acids from the Central region of Mouse Olig3.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Mouse Olig3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Olig3
<b>Synonyms</b>	Bhlhb7
<b>Function</b>	May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.

**Cellular Location** Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00981, ECO:0000269 | PubMed:11091082, ECO:0000269 | PubMed:11960707}

**Tissue Location** Weakly expressed, mainly in non-neural tissues.

## Background

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May determine the distinct specification program of class A neurons in the dorsal part of the spinal cord and suppress specification of class B neurons.

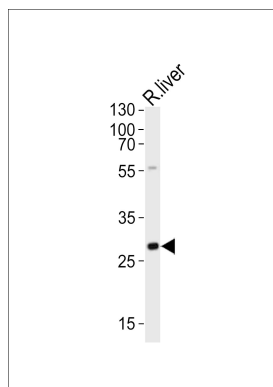
## References

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Takebayashi H.,et al.Mech. Dev. 99:143-148(2000).  
Takebayashi H.,et al.Mech. Dev. 113:169-174(2002).  
Mueller T.,et al.Genes Dev. 19:733-743(2005).

## Images

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Western blot analysis of lysate from rat liver tissue lysate, using Olig3 Antibody (Center)(Cat. #AP21091a). AP21091a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.